

20020121.qrp v02_n442.qrl.20020121

Date: Mon, 21 Jan 2002 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2442

QRP-L Digest 2442

Topics covered in this issue include:

- 1) [117937] Re: Curtis Chip sub?
by "John Moriarity" <k6qq@hdo.net>
- 2) [117938] For Sale
by "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
- 3) [117939] Radioshack.com closing its doors !!!
by "John A. Evans - N0HJ" <jae@codenet.net>
- 4) [117940] Re: Curtis Chip sub?
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 5) [117941] How to unsubscribe ??
by Arthur Moe <kb7ww@uswest.net>
- 6) [117942] For Sale update
by Michael Goins <mgoins@usa.net>
- 7) [117943] Re: I got the deep-cycle blues!
by David Hinerman <wd8civ@worldnet.att.net>
- 8) [117944] More items sold, remaining items
by Caitlyn Martin <ku4qd@qsl.net>
- 9) [117945] FS Skytec speaker
by Michael Goins <mgoins@usa.net>
- 10) [117946] [CLUB] QRP ARCI - QRP Quarterly late notice
by Jim Stafford <w4qo@amsat.org>
- 11) [117947] Re: Hamstick / Mag-Mount = Capacitive coupling
by "Adrian Weiss" <aweiss@usd.edu>
- 12) [117948] Re: [Radioshack.com closing its doors !!!]
by "P.Ermisch" <ermisch@usa.net>
- 13) [117949] Re: Diode switching ... the rules
by "Adrian Weiss" <aweiss@usd.edu>
- 14) [117950] Re: [GQRP] Fair Market Value of "The Milliwatt"
by George Gingell <k3tks@u1.abs.net>
- 15) [117951] Re: QRP-15
by George Gingell <k3tks@u1.abs.net>
- 16) [117952] Re: Different Colored Magnet Wire, Etc.
by George Gingell <k3tks@u1.abs.net>
- 17) [117953] Re: I got the deep-cycle blues!
by "Ingo, DK3RED" <dk3red@t-online.de>
- 18) [117954] Arnie Coro Pix from Cuba !!
by Roger J Wendell <zeekzilch@juno.com>
- 19) [117955] Re: hf oscillators

- by "Michael C. Boatright" <ko4wx@mindspring.com>
- 20) [117956] FOX: N8VAR Preliminary Log for Thursday eve January 17
by "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
- 21) [117957] Re: Radioshack.com closing its doors !!!
by Chris Trask <ctrask@primenet.com>
- 22) [117958] FS: Radio Shack Frequency Counter (#22-306)
by "Phinizy, William" <wphinizy@filenet.com>
- 23) [117959] Re: headphones - Aircraft and Communications....
by Bruce Grubbs <mail@brucegrubbs.com>
- 24) [117960] Problems with Hamsticks (fwd)
by "Karl F. Larsen" <k5di@zianet.com>
- 25) [117961] Speaking of headphones...
by "Brian Murrey" <brian@iquiest.net>
- 26) [117962] Re: QRP in 40 Meter Novice Band
by Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>
- 27) [117963] Re: headphones - Aircraft and Communications....
by "W2WU" <w2wurjj@verizon.net>
- 28) [117964] K1 Knobs
by John Bohnert <johnb@elmhurst.edu>
- 29) [117965] RE: Battery problems
by "David & Jo Ann Lininger" <djlinin@positech.net>
- 30) [117966] 38 Special mod
by "SAAD MAHAINI" <N5FF@attbi.com>
- 31) [117967] Re: Different colored magnet wire
by Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>
- 32) [117968] potential contest
by Ke9xq@aol.com
- 33) [117969] CUB FOX: Cub FoxHunt Notice for Hunt # 13
by "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
- 34) [117970] Code practice program/trainer
by "Bob Tellefsen" <n6wg@earthlink.net>
- 35) [117971] Re: Code practice program/trainer
by "Ingo, DK3RED" <dk3red@t-online.de>
- 36) [117972] Re: Code practice program/trainer
by "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
- 37) [117973] Re: Code practice program/trainer
by "Bill Dittrich" <rwddittrich@hotmail.com>
- 38) [117974] Re: Problems with Hamsticks (fwd)
by Bruce Muscolino <w6toy@erols.com>
- 39) [117975] Re: potential contest
by "Paul Harden, NA5N" <na5n@rt66.com>
- 40) [117976] Re: potential contest
by <igeq100@iupui.edu>
- 41) [117977] Subs for mrf475, mrf476 ?
by <n2go@arrl.net>
- 42) [117978] Amateur Software - A Source
by Chuck Carpenter <W5USJ@go.com>
- 43) [117979] VP8THU

by W2AGN <w2agn@pobox.com>
44) [117980] Re: VP8THU
by "Alan Kaul" <alan.kaul@worldnet.att.net>
45) [117981] Need Help
by Davewb4@aol.com
46) [117982] Re: potential contest
by WE7X@aol.com
47) [117983] Re: VP8THU
by W2AGN <w2agn@pobox.com>
48) [117984] Re: Need Help
by K5BDZ@aol.com
49) [117985] Re: Need Help
by David Hinerman <WD8CIV@worldnet.att.net>
50) [117986] RE: QRP in 40 Meter Novice Band
by Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>
51) [117987] Re: potential contest
by "Karl F. Larsen" <k5di@zianet.com>
52) [117988] RE: potential contest
by "Thor, n9ik" <n9ik@qsl.net>
53) [117989] Re: Different Colored Magnet Wire, Etc.
by Dave Fouchey <dafouchey@home.com>
54) [117990] Re: headphones - Aircraft and Communications....
by Dave Fouchey <dafouchey@home.com>
55) [117991] Re: VP8THU
by "K7FD N7SG" <k7fd@hotmail.com>
56) [117992] Elmer 001 - Got my kit today.
by Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>
57) [117993] Re: Problems with Hamsticks (fwd)
by "Terres Family" <terresfm@ncia.net>
58) [117994] FS QRP30 and 38 Special
by PDouglas12@aol.com

Date: Sun, 20 Jan 2002 16:14:39 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <rmccarty@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117937] Re: Curtis Chip sub?
Message-ID: <00cc01c1a210\$9eb19860\$995fa13f@k6qq>

> Can someone tell me if I can sub an 8044B for a currently installed
> 8044...

Roger,

You can substitute it, there being one important

difference. The 8044 uses "Mode A" timing,
and the 8044 uses "Mode B". If you prefer
(or can learn to use) Mode B, then go right ahead.

To my knowledge, none of the Curtis chips is
being made anymore. You'll have to look for
somebody who has one for sale.

72,

John, K6QQ

Date: Sun, 20 Jan 2002 18:53:21 -0600
From: "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [117938] For Sale
Message-ID: <001f01c1a216\$06ad85a0\$d3bf1d41@wi.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Small Wonder Labs SW-40. Not the "+" version. In the SWL enclosure.
Excellent condition. \$80 shipped in the CONUS.

Autek QF1A filter. Very good condition. \$32 shipped in the CONUS.

73 de Glenn, WE9K

Date: Sun, 20 Jan 2002 18:21:33 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117939] Radioshack.com closing its doors !!!
Message-ID: <3C4B6D1D.CCAB8135@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

I hit the Denver TechAmerica/RadioShack.Com store Saturday and discovered that everything was on sale 20-50% off. I asked the parts counter guy what was going on and he informed me that the 3 stores are closing down and that everything is on sale and would not be replenished from the warehouse. He also said that the warehouse would remain in operation for a time but that would shut down once everything was gone. No hint of when deals might be available from the catalog / warehouse.

So those in the Denver, Atlanta, or Phoenix area should check out the store. Components were 30% off, all kits (Vellem and Vectronics) were 50% off, and the books they had left were 50% off. I would check soon. Many parts bins I hit on the racks were empty. It seemed like lots of ICs and 900- parts were still behind the counter.

This is a little sad, as I was at the grand opening of the TechAmerica store in Denver and it became a regular stop if I needed to go to Denver for a fix. I always wondered how long they would last and suspected all was not well when they switched names and started focusing on name brand PCs and cell service.

Date: Sun, 20 Jan 2002 20:29:19 -0500
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
k6qq@hdo.net
Subject: [117940] Re: Curtis Chip sub?
Message-ID: <3C4B289F.10031.1AB6994@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Check the MFJ catalog. I think that they are marketing an 8044 equivalent chip.

On 20 Jan 2002, at 16:14, John Moriarity wrote:

>
> > Can someone tell me if I can sub an 8044B for a currently installed
> > 8044...
>

> Roger,
>
> You can substitute it, there being one important
> difference. The 8044 uses "Mode A" timing,
> and the 8044 uses "Mode B". If you prefer
> (or can learn to use) Mode B, then go right ahead.
>
> To my knowledge, none of the Curtis chips is
> being made anymore. You'll have to look for
> somebody who has one for sale.
>
> 72,
>
> John, K6QQ
>
>
>
>

Date: Mon, 21 Jan 2002 02:06:36 +0000
From: Arthur Moe <kb7ww@uswest.net>
To: qrp <qrp-1@Lehigh.EDU>
Subject: [117941] How to unsubscribe ??
Message-ID: <3C4B77AC.B6F1BF26@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Changing ISP in the morning and need to unsubscribe HOW???

Art
KB7WW

Date: 20 Jan 2002 21:36:17 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-1@lehigh.edu
Subject: [117942] For Sale update
Message-ID: <20020121023618.11871.qmail@cpdvg100.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: quoted-printable

The w2ihy 8 band equalizer, Kenwood ht mike, and Skytec speaker are sold.=
All
else still available. Switching from ssb/cw to psk/cw only. =

mike
wb5yjx
1 watt all the time

Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

Date: Sun, 20 Jan 2002 21:41:18 -0500
From: David Hinerman <wd8civ@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [117943] Re: I got the deep-cycle blues!
Message-ID: <3.0.6.32.20020120214118.0079b6c0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:02 PM 1/20/02, you wrote:

> Is the beast good only for the recycling yard, or is there some
> way of waking it up? 72, Bruce Prior N7RR
> Chat with friends online, try MSN Messenger: Click Here
>

Bruce,

The company where I worked used small (6V,1Ah) gel cells in an old product, and we found that batteries that sat around unused would do that. I also discovered (accidentally, as I am prone to be) that a battery in that state subjected to mechanical shock (in my case, dropped on the floor) would begin to draw charging current. Finally I got to where I'd just rap the battery on the benchtop, and it would usually come back.

Not as simple a solution for your beast, but a decent (not too strong) thump on the table might get it to start charging.

I've heard claims that hooking it up to charge and leaving it for a long time (a couple days maybe?) it'll eventually come around, but I haven't done it myself.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: 20 Jan 2002 17:02:21 -0500
From: Caitlyn Martin <ku4qd@qsl.net>
To: qrp-l@lehigh.edu, VHF Reflector <vhf@w6yx.stanford.edu>
Subject: [117944] More items sold, remaining items
Message-ID: <1011564143.13453.14.camel@localhost.localdomain>
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Mime-Version: 1.0

Hi, everyone,

The Toshiba laptop and the JiM T-One are now sold. The buyer for the Amp Supply TR-110 10M rig has backed out, so it is available once again. The National RJX-601 and the Belcom Kappa-15 are also still available.

73,
Caity
KU4QD

Date: 20 Jan 2002 22:39:29 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-l@lehigh.edu
Subject: [117945] FS Skytec speaker
Message-ID: <20020121033929.3263.qmail@cpdvgl100.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

the skytec speaker buyer changed his mind, so it too is still available.
thanks.

mike
wb5yjx
1 watt all the time

Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

Date: Sun, 20 Jan 2002 23:32:28 -0500
From: Jim Stafford <w4qo@amsat.org>
To: qrp-l list <qrp-l@lehigh.edu>, arci mgmt <arcimgmt@topica.com>
Subject: [117946] [CLUB] QRP ARCI - QRP Quarterly late notice
Message-ID: <3C4B99DC.952B3E91@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Just a quick note to let you know that we are running behind again this quarter on the QRP Quarterly. We apologize but with the loss of our editor we have been doing the best we can under the circumstances. "Typesetting" is almost complete but it will be sometime in February before we get this issue to you. We hope the product is worth waiting for each time.

Thanks for your understanding.

One good point - this means there's still time to renew or join the club and get the upcoming issue. See the club web site for details - <http://www.qrparci.org> . Also, PayPal can be used to pay.

We are discussing the editor position with a potential candidate for the April issue so hopefully we will be back on schedule before long..

Jim Stafford
W4QO
Interim Editor

Date: Mon, 21 Jan 2002 07:42:57 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@Lehigh.EDU

Subject: [117947] Re: Hamstick / Mag-Mount = Capacitive coupling
Message-ID: <GQ9XCE02.ETA@mail.usd.edu>

Hi all:

I've used the Hamsticks on 40-30-20-15, both mobile and parked. The most amazing thing about a car-mounted QRP antenna is that it works at all! Running a DX contest from PA on 40m w. nothing but the stick and making a nice bunch of EU QSO's is mind-boggling! I've done a lot of mobile too stretching way back to the 70's [Hustler back then]. Again, totally amazing.

Now, the comments below may be based upon a mistaken assumption about how a mag-mount works. Doc Meg. or someone else should jump in and correct me if I'm wrong.

The car-body does not provide an actual "ground" system in the sense that a grounded radial system does. Or, another way to put it is that a radial system spreads all that metal over minute strips of ground. Either way, either the lumped metal in the carbody or the wire in the radials couple capacitively into ground to affect resonance of the vertical. The car-body is a huge capacitor's plate coupling into the other plate under it -- the actual dirt. This will naturally affect the resonant frequency of the vertical. Plastic body parts decrease the overall amount of coupling etc.

The mag-mount has that piece of mylar for a good reason -- it insulates the metal in the mag-mount from the metal of the car. It, in effect, forms a capacitor. It is the dielectric between one plate (magnet) and the other plate (car body). Naturally, as with any tuned circuit using a capacitor, adding hand capacitance will change the resulting resonant frequency of the system.

The Hamstick concept utilizes this series capacitive coupling into the car body as part of the system. The old mobile antennas [and some of the new ones] go for a direct connection to the metal in the car-body, i.e. my Hustler was mounted on the bumper with direct electrical connection to the car-body. Notice the difference in the design of this vertical -- it has a lumped inductance at the top of the base section, and a loading whip above the loading coil. The Hamstick is a helical with an adjustable whip at the end of the helical winding. Two different antenna concepts. Someone out there who knows more than I do can explain the difference.

I'd be curious to find out what the proposed electrical connection of the mag-mount directly to the body of the car does in regard to affecting resonance and base impedance. So, get out that MFJ259b and the copper braid and do some measurements before and after. That would probably be very useful information for QRP'rs regarding efficiency.

72, Ade

>As far as your installation is concerned, the quality of the
>installation depends on the quality of your mag mount! There used to be
>mag mounts sold that had multiple magnets on them, maybe they still
>are! There used to be mag mounts that came with a mylar sheet under
>them. All were attempts to control the effects of wind on the antenna
>and improve ground.

I use Hamsticks with a triple mag mount on the roof of my Subaru wagon.
It receives well on 40 but transmitting performance seemed less than expected.
We found that simply putting hands on the magnets would drastically change the
SWR when testing with a MFJ-259. I will soon be adding multiple ground wires
"somehow" from the mag-mount base to the car body.

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>installation depends on the quality of your mag mount! There used to be
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Date: 20 Jan 2002 22:53:45 MST
From: "P.Ermisch" <ermisch@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [117948] Re: [Radioshack.com closing its doors !!!]
Message-ID: <20020121055345.5385.qmail@cpdv202.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Yes, it's sad but true. The closeout started about three weeks ago. One=
of
the employees told me it would probably take a few months to completely s=
hut
down. They are still getting shipments from their warehouses so some ite=
ms

that sell out come back the following week. In the Denver store, it looks like they still have a fair number of oscilloscopes but all of the Fluke equipment is gone. Still a large number of Bud, etc. project boxes. I picked up a bunch of Sescom boxes for \$2.00 a piece. Panel meters, small tools, soldering irons, connectors - it's hit and miss now. I've been stopping in about once a week to see if there's anything new but on my last stop things were pretty stale (for me, at least). A couple of weeks ago all of the Davis weather instruments were gone but last week they were fully stocked.

Paul / KB0LUR

"John A. Evans - N0HJ" <jaevans@codenet.net> wrote:

> Greetings,

> =

> I hit the Denver TechAmerica/RadioShack.Com store Saturday and discovered

that everything was on sale 20-50% off. I asked

> the parts counter guy what was going on and he informed me that the 3 stores

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store in Denver and it became a regular stop if I
> needed to go to Denver for a fix. I always wondered how long they would
d
last and suspected all was not well when they
> switched names and started focusing on name brand PCs and cell service.=

> =

> =

> =

Date: Mon, 21 Jan 2002 08:00:09 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@Lehigh.EDU
Subject: [117949] Re: Diode switching ... the rules
Message-ID: <GQ9Y5201.ZTM@mail.usd.edu>

Hi Nick et.al.

Switching in frequency-generating circuits is best handled
using PIN diodes. Garden-variety 1N914 etc won't do as
well. We use such in vxo circuits because the xtal is
the key component controlling the freq. Switching in
an L/C vfo circuit is quite another matter.

72, Ade

Date: Mon, 21 Jan 2002 01:15:01 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: dennisskea@aol.com
Cc: gqrp@yahooogroups.com, QRP List <qrp-l@Lehigh.EDU>
Subject: [117950] Re: [GQRP] Fair Market Value of "The Milliwatt"
Message-ID: <20020121005102.E23556-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 20 Jan 2002 dennisskea@aol.com wrote:

> The complete set of the "Milliwatt" (all 33 issues) went for \$123.50 on
> e-bay. The information is available on CD for \$20. Go figure....
>

> Dennis P. Skea KC2CCZ
> 25 Argent Drive
> Poughkeepsie, New York 12603
> (845) 298 - 0951
>
> "I collect telegraph keys and anything
> related to telegraphy, including old or unusual
> semi-automatic keys and books. Please e-mail if you
> have anything to sell, trade, or discuss!!"

YES, It does seem a lot at first glimpse, but then you must compare it to something realistic. Such as a Rare Oil Painting compared to a Photocopy.

While both are pleasing to the eye, One will be quite a bit more valuable by virtue of the fact that it is an original.

There is nothing to quite compare handling the Paper Product.

You may be able to find a particular word or phrase quicker with the CD-ROM, but I will bet money that the clarity of the photos and Schematic Diagrams will be better on the paper originals.

I happen to be a Collector of QRP Journals and Newsletters. I happen to own both the CD and the Paper Versions of "The Milliwatt" National Journal of QRP.

I also have a Nearly Complete Collection of "SPRAT", save for the first 20 issues. Yes, I have the Re-Prints of the whole set. I do not have the CD-ROM version yet. Been a bit short of cash this Winter, but I plan to add it to the "Maryland Milliwatt QRP Reference Library Collection" in the future.

I strongly feel that it is important to try to "Save these Valuable Historical Documents" for the future of QRP, and Future QRPers.

Would I like to see all QRP Journals and Newsletters Compiled and Archived on CD-ROMs or better yet a DVD. Yes, Absolutely! Maybe some day it will happen with QRP Quarterly and some of the other Less popular Newsletters.

I will as always accept donations of any QRP Materials, Journals, Newsletters, Schematics of Home Brew Rigs and Equipment, QRP Rig Manuals, Etc.

I have originals of most of the Ten-Tec Equipment, but would welcome any others you do not need.

If we do not need them for the Library, I will promise to find them a good home with a New/Young QRP'er.

I have already sent many extras to DX QRP'ers around the world.

I also accept OLDER A.R.R.L Handbooks, or R.S.G.B. Handbooks.

My Oldest ARRL HB is 1942. (The year of my birth).

I also have my First (1957).

I have already given away all of the Duplicates of the Handbooks.

I think every licensed ham should own at least one. A Handbook and a Key are the two most important Ham Tools. Number three would of course be the soldering iron. :^}

My address and Telephone are listed below.

OBTW, I also handle Sales of The QRP Quarterly Journal Back Issues...

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Mon, 21 Jan 2002 02:41:10 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [117951] Re: QRP-15
Message-ID: <20020121023205.T24522-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dan, (VE7CTN),

I am sending this note to the list as I forgot to not your email address.

I just thought that I would warn you that There was some sort of problem with one of those QRP-15 and/or QRP-20 Circuit Boards. In fact, Although Rich Littlefield Designed the Rig and wrote the Articles in Ham Radio Magazine, He did not make the PCB or offer the Kit. At least two different parties had a hand in the pcb's and/or kits offered.

I don't recall all of the details, but i do recall hearing many stories that would suggest that you would be better to Mount the pcb in a frame and add a Note or label. " The QRP-15 Challenge" Bet you can't make make it work in 30 days or less. YMMV

If you want a reliable and tested Design, Take a look at the Kits offered by Dave Benson, K1SWL "Smallwonderlabs.com"

I don't have any connection with Dave, other than casual friends, I do however vouch for his products and his commitment to your success with them.

I promise that you will save yourself time, money and hair... :^}

GL es CUL

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Mon, 21 Jan 2002 03:05:29 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [117952] Re: Different Colored Magnet Wire, Etc.
Message-ID: <20020121024131.U24522-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Craig Johnson,

Mentioned using Scrap Insulation as Markers for the Toroid Winding leads.

An excellent Idea I must say. I have been using Scrap Wire insulation
for "Spaghetti Insulation" on components for years.

With 36 years in the Telephone Industry, it seems almost second nature to
me.

We use an expensive Diode Like Component for Privacy Guards which I always
insulate the leads with Red or Green Insulation from JKT (Jacketed Wire).
I then use Splicing Connectors to Connect the Diode to a four to six inch
length of wire to use in the actual connections. This makes it easy to
reuse the expensive component again with out risk of damage. Splicing
connectors are cheap in comparison.

Also in the old days, we had lots of "Cotton Based Spaghetti for
Insulating Components to be wire wrapped into the equipment.

I noticed a few other Ex-Phone Types on here who also mentioned the 25
Pair Telephone Cable Color Code. He mentioned the ability to identify 50
seperate Conductors. Actually, you can identify Quite a few more if
needed. Those big Black pipes connecting telephone poles have as much as
3600 Pairs of wires or more in them. Same Colors as those 25 Pair Cables.
They just repeat with Binders of 25 pairs with the same combinations of
the origional Pairs. The First 25 Pair Group is the White/Blue Group.

I will gladly provide a copy of the Telephone Color Code to any who need
it.

Alarm Systems and Intercom Systems have yet another Color Code. I find that Their Wire is more convenient to reuse the insulation, as it is a larger gauge and heavier insulation.

Also I suggest considering Colored Teflon Wire Insulation for Making ID Bands for your Toroid Windings. They are much better at handling the heat when soldering the toroids in the circuit.

Remember The suggestion to save the Clippings from your Leaded Components?

You can make some very nice little Jumpers with them and the Teflon wire Insulation. When Stripping the wire for re-using the insulation, I find it best to do about three to six inch sections at a time. Then use a pair of sissors and trim the ends to freshen up the ends. Some insulation tends to self seal the ends when you strip the wire. snipping it with sissors or cutting with a razor blade fixes that. Making it easier to thread the insulation onto the component. Also you sill find tha turning as you push it on helps a lot.

GL

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
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Commercial Locksmith Services (301) 572-6789 Office & Fax
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Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Mon, 21 Jan 2002 10:31:35 +0100
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [117953] Re: I got the deep-cycle blues!
Message-ID: <3C4BDFF7.51A594D4@t-online.de>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Bruce,

You can use with care (!!!) the method described by David. At the plates of the battery lead mud collects itself in starts the time. Somewhat falls on the soil. Somewhat slips between the plates and forms a short-circuit. A vibration can solve this lead mud, so that it falls on the soil. But all things, which fall on the soil, are lost from the capacity of the battery.

If you have thereby no success, then it tries with the following method. Attach a battery charger with current limit to the battery. Switch an current meter into the line. At the start a very small current will flow. That can stop some days in such a way. The current rises sometime fast and achieves the maximum value.

The reason for it is following. An isolating layer on the plates can have formed, no or only a very small charging current permitted. In the depth of the plates however still sufficient lead can be available. First therefore the layer must be broken through.

If you woke the battery up, unload and loads it few times, so that it is again in a good condition.

I tested the second methode on a sleeping (0.5 V instead of 12 V) sealed lead-acid battery with success. GL!

--

72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de www.qsl.net/dk3red www.t-online.de/~dk3red
DL-QRP-AG #824 (German QRP Activity Group) www.dl-qrp-ag.de

Date: Mon, 21 Jan 2002 06:09:39 -0700
From: Roger J Wendell <zeekzilch@juno.com>
To: cqclist@yahoogroups.com, qrp-l@Lehigh.EDU
Subject: [117954] Arnie Coro Pix from Cuba !!
Message-ID: <20020121.060943.-639719.0.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

In the middle of CQC's banquet page are some interesting
pix of Arnie Coro (C02KK), the voice of Radio Havana Cuba's

"DXers Unlimited" - Arnie is going to be the guest speaker at our annual banquet on February 16th!

<http://www.cqc.org/banquet.htm>

WBOJNR,
CQC's humble webmaster
<http://www.RogerWendell.com>

-

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 21 Jan 2002 08:30:34 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-1@lehigh.edu
Cc: carlseye@tampabay.rr.com
Subject: [117955] Re: hf oscillators
Message-ID: <5.0.2.1.2.20020121082409.02220730@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Carl, RF on the base (leading to RF on the emitter, which means you have a resistor between the emitter and ground) comes from the stage prior. I suspect you may have blown a DRIVER transistor, not the final. Keep tracing the voltages back until you find a place where you've got the right voltages in, but wrong voltages out and that's your bad boy. YRMV.

If you don't have the full set of voltages for the RF chain (which you should if you have them for the final, but you never know), trace the chain back comparing voltages with a known good rig. I did that once with an Index Lavs QRP+---no small feat, I assure you--and found a 2N5179 4 or 5 transistors back down the chain from the PA had blown.

Had already replaced the PA, acting like I knew what I was doing, before a buddy reminded me to run the chain...

72 de Mike, K04WX
Michael C. Boatright

Date: Mon, 21 Jan 2002 09:35:54 -0500
From: "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
To: qrp-l@Lehigh.EDU
Subject: [117956] FOX: N8VAR Preliminary Log for Thursday eve January 17
Message-ID: <0D6CE218BF54D211B37F00E0292657F40B41DDDD@susdayte03.daytonoh.ncr.com>
MIME-Version: 1.0
Content-Type: text/plain

The pileup was massive. Sure wish I could have picked more of you out. I had hunters the whole time but I guess there were too many for me. I had a real problem picking out calls which is where I lost most of my time.:(
This was my last time up for this season.

I thought I would get a lot of trouble with SSB ops just above me but that didn't materialize. Just hounds, hounds, and more hounds.:(Took me another 2 hours to settle down enough to get some sleep. This really pumps you up. My normal bed time is 9:30 to 10:00pm and usually I am pretty well wiped out by then. Being the fox really pumps me up and even at midnight I'm still wide awake.

Thanks to all who gave it a shot and stuck it out.

time	call	rst	st	name	pwr
0201	n4tn	589	tn	don	5
0203	k0evz	559	nd	doc	5
0205	wa8bxn	559	oh	mike	5
0206	w4map	559	ga	sam	5
0207	k4adi	559	sc	frank	5
0209	k8mia	559	wv	jim	5
0210	n4roa	559	va	dan	5
0211	wa9tze	579	wi	jim	5
0212	kr5c	559	tx	george	5
0214	k8dd	549	mi	hank	5
0215	k3ps	559	pa	paul	5
0216	wv9n	559	oh	randy	5
0217	n1tp	599	fl	tom	5
0219	k8kfj	559	wv	garie	5
0220	n3zpq	559	oh	frank	4
0222	k4tjd	559	ga	tom	5
0223	n3bj	559	va	alan	5
0225	w5yr	559	tx	george	5

Good chance this is wrong:(

0226	k4gt	559	ga jim	5
0228	k8cv	559	mi walt	5
0229	kd5kxf	559	tx mike	5
0231	k9dc	559	in dave	5
0233	we9k	559	wi glenn	5
0234	w8vjw	559	mi john	5
0235	k5zty	559	tx bill	5
0237	af4pp	579	ga chuck	5
0238	aa5o	559	la vern	5
0239	kv4ee	559	sc craig	5
0241	n9aw	599	wi jerry	5
0242	k3iu	579	ri ken	5
0242	w9hl	559	il randy	5
0245	kb3exf	559	md sandy	5 This one is probably wrong too:(
0247	w9xu	559	wi lon	5
0248	nk9g	559	wi rick	5
0249	nu8s	559	oh denn	5
0250	k9is	559	wi steve	5
0251	w0ch	559	mo dave	5
0253	n9ne	559	wi todd	500mw ?? Pwr is probably wrong, kept getting clobbered:(
0254	k0pc	559	mn pat	5
0255	ve3fal	579	ontfred	5
0256	nx8c	559	mi neil	5
0258	wa2tdl	559	ny rick	5
0259	n1fn	559	co et	5
0300	n0ur	589	mn jim	5
0302	k5dw	559	tx don	5
0303	wb6bwz	559	ga matt	5
0306	kq5u	559	tx terry	5
0307	kc0atc	559	co chris	3
0308	kc1fb	559	ct jim	5
0309	k4fb	559	fl paul	5
0310	w5tb	559	tx doc	5
0311	af4ps	559	fl mac	3
0313	ab0cd	559	co dick	5
0314	w0rsp	569	sd ade	5
0316	k9iua	559	il kevin	5
0317	n0ar	559	mn scott	5
0319	kg4chx	559	nc tim	5
0321	wb8rdn	589	va nick	5
0324	w5usj	559	tx chuck	5
0325	ks4l	559	al randy	5
0327	ad2a	599	nj dave	5
0328	n9st	559	ca scott	5
0329	k5eoa	559	la wayne	5
0331	ab5xq	559	ar bill	5
0332	kk5na	559	tx joe	5

0335	k5bgf	579	tx rodd	5
0336	wb8wtu	559	oh dennis	2
0338	ki0ii	559	co ron	5
0339	kk5ld	559	tx dan	5
0340	aa3wi	559	md john paul	4
0341	k0frp	579	co alan	5
0344	ve4wi	559	mb craig	5
0346	k4byf	559	fl jack	5
0349	n2ww	559	co larry	5
0350	n0hrl	559	mn ken	5
0351	ve6ex	559	ab dan	5
0352	k5jhp	559	tx bill	5
0353	n0rc	599	co rod	5
0354	kb4nx	559	go carl	5
0356	nq7x	559	az floyd	5
0357	kj0c	559	mo jim	5
0358	ve5rc	569	sk bruce	5
0400	n8var	xxx	oh ron	5

72 de Ron, N8VAR
 Fox January 17
 n8var@arrl.net

Date: Mon, 21 Jan 2002 07:49:16 -0700 (MST)
 From: Chris Trask <ctrask@primenet.com>
 To: "John A. Evans - N0HJ" <jae@codenet.net>
 Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
 Subject: [117957] Re: Radioshack.com closing its doors !!!
 Message-ID: <Pine.BSI.3.96.1020121074809.13467A-1000000@usr01.primenet.com>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII

I already took advantage of the Phoenix (Mesa) store. Got a few more soldering items like solder wick and tip cleaner. Not much else of interest, unless they come up with some Edsyn soldering iron tips down here.

Chris

On Sun, 20 Jan 2002, John A. Evans - N0HJ wrote:

> Greetings,
 >

> I hit the Denver TechAmerica/RadioShack.Com store Saturday and discovered that everything was on sale 20-50% off. I asked

> the parts counter guy what was going on and he informed me that the 3 stores are closing down and that everything is on sale
 > and would not be replenished from the warehouse. He also said that the warehouse would remain in operation for a time but
 > that would shut down once everything was gone. No hint of when deals might be available from the catalog / warehouse.
 >
 > So those in the Denver, Atlanta, or Phoenix area should check out the store. Components were 30% off, all kits (Vellem and
 > Vectronics) were 50% off, and the books they had left were 50% off. I would check soon. Many parts bins I hit on the racks
 > were empty. It seemed like lots of ICs and 900- parts were still behind the counter.
 >
 > This is a little sad, as I was at the grand opening of the TechAmerica store in Denver and it became a regular stop if I
 > needed to go to Denver for a fix. I always wondered how long they would last and suspected all was not well when they
 > switched names and started focusing on name brand PCs and cell service.
 >
 >
 >

```

      /-----\
      /  What's all this  \
      / extinct stuff, anyhow? \
      \-----/
    _ | /
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     \  c__; c__; ' -.. ' > .__

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High Performance Mixers and
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Chris Trask / N7ZWY
 Principal Engineer
 Sonoran Radio Research
 P.O. Box 25240
 Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

 Date: Mon, 21 Jan 2002 07:24:40 -0800
 From: "Phinizy, William" <wphinizy@filenet.com>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [117958] FS: Radio Shack Frequency Counter (#22-306)
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F0874138E@hq-expo2.filenet.com>

Good condition and appears to work fine. \$60 shipped. It includes a manual reproduction but no schematic. I bought this from an "accidental" bid on eBay (it's a long story) and then discovered a demo model for sale in a local RS -- so this is a spare.

Bill, K6WHP

Date: Mon, 21 Jan 2002 08:37:11 -0700
From: Bruce Grubbs <mail@brucegrubbs.com>
To: rsm@otology.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117959] Re: headphones - Aircraft and Communications....
Message-ID: <5.1.0.14.0.20020121083315.028adf18@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

As a pilot, I decided to try my aircraft headsets (I have two, a Peltor noise-attenuating set, and a Telex lightweight set) for ham use a while back. I built a small adapter in a plastic box to transform the headset and mike impedances to that of the K2. It works very well and puts an end to the high frequency hiss from rigs like the K1 and DSW-40. I still use earbuds when weight and bulk are a consideration, like backpacking.

73
Bruce
N7CEE

Date: Mon, 21 Jan 2002 09:25:03 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [117960] Problems with Hamsticks (fwd)
Message-ID: <Pine.LNX.4.33.0201210924370.2664-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A Hamstick is about 6 feet long. It is a 1/4 vertical radiator. On

80 meters a REAL 1/4 wave vertical is 66 feet high! The 6 foot Hamstick instead of having a 35 ohm feed impedance has a 0.1 ohm feed impedance.

The ground system has an impedance too. If the ground system is perfect it has a zero impedance. A car is not a perfect ground system and has an impedance of like 10 ohms. My Jeep Pickup is longer and measured more like 8 ohms.

The ground and antenna feed resistance are feed in series by your transmitter. In the example shown we have a 0.1 and 10 ohm resistor in series. This means 1/100 of the power is going into the antenna, with 99/100 going into the ground resistance. Your Hamstick has 1 watt of power to work with, while 99 watts are converted to heat if your running 100 watts.

At 10 meters things are a lot better. The Car is a better ground and the Hamstick feed impedance is close to 30 ohms. So here we have about 5 ohms of ground in series with 30 ohms of antenna. Now we get 30/35 times the power into the antenna. A 100 watt transmitter will get 86 watts into the antenna. This is a LOT better!

So this is what you can expect from Hamsticks. If your driving and want to Ham on 80 meters, the poor performace of the Hamstick still works, but your weak. I perfer to work the higher bands mobile. If your stopped and want to Ham there are a bunch of better antennas you can build or buy.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Mon, 21 Jan 2002 11:31:46 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "Pigs" <fpqrp-l@mpna.com>
Subject: [117961] Speaking of headphones...
Message-ID: <000901c1a299\$1ef8c380\$9e492bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a HW-9 tranceiver and was not happy with the results of using a set of sony headphones into a 1/2 inch jack adapter.

So on eBay I see these headphones being advertised. The guy said they were from WWI (I don't think so) but they looked old enough that they might be suitable for the HW-9.

These are made by Rola Company of the USA. The earphones are heavy and they are covered with what appears to be a rubber cap where it makes contact with the ears. Real cold when you first put them on but they get real comfortable after a few seconds.

On the "can" part they have printed "Receiver" and "ANB-H-I", this is printed on both cans. Under that it has "The Rola Company Inc" "Made in the USA" and "10200" which I assume might be the serial number? The rubber covers are marked MC-162-A. On the headpiece, it's metal covered in a light brown leather. There is a number stamped in the metal HB-7.

Anyone know anything about these? They've improved my HW-9 listening by a couple hundred percent!

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

```
-----
Date: Mon, 21 Jan 2002 10:26:22 -0600
From: Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>
To: "Qrp-L (E-mail)" <qrp-l@lehigh.edu>
Subject: [117962] Re: QRP in 40 Meter Novice Band
Message-ID: <6436BBDD2887D411A2360000E866FEEE01F9CBB5@HOUEXCH045>
MIME-Version: 1.0
Content-Type: text/plain
```

I am building the Pixie2 as part of the Elmer 001 project. Is there a VFO option for this radio, or can one, like the Universal VFO, as mentioned in this email, be adapted?

> Boliver Allmon

>
>
> *Phone: 713-753-7667
> *Location: KT1942C
> *e-mail: Boliver.Allmon@Halliburton.com
>
>

Date: Fri, 18 Jan 2002 10:43:15 -0600
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@Lehigh.EDU
Cc: daouchey@home.com
Subject: [117809] Re: QRP in 40 Meter Novice Band
Message-ID: <200201181643.g0IGHFR30373@okcforum.org>

The bottom line becomes a strong recommendation for a VFO! If you're wanting to use crystal control on the novice subband on 40 meters, be aware that it's perhaps the worst area in all of hamdom for crystal control. Norcal offers inexpensive crystals on 7.122. You might want to try listening around that frequency for a while and decide if it might work for you. You might want to do the same with other frequencies for which inexpensive crystals are available. You might also simply obtain as many crystals in the 40 M novice subband as you can.

If you want to buy the 7.122 crystal from Norcal, you can find it near the bottom of the page at:

<http://www.fix.net/~jparker/norcal/kits/kits.htm>

By the way, you can build a VFO fairly cheaply. For example, one popular choice is The Universal VFO. You can get a circuit board from Far Circuits for that one. There are other kit-type options available, as well. Ask here on QRP-L if you want advice about how to pursue that option.

73,
Jim WB5UDE

Date: Mon, 21 Jan 2002 11:01:57 -0800
From: "W2WU" <w2wurjj@verizon.net>
To: <mail@brucegrubbs.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117963] Re: headphones - Aircraft and Communications....
Message-ID: <000b01c1a2ae\$388787e0\$71c2fea9@w2wurjj>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

David Clark Company headsets perform very well. You may need to convert the mic / earpiece impedances. They are used by pilots, NASA, and many fire departments. You get what you pay for. <W2WU>

----- Original Message -----

From: Bruce Grubbs <mail@brucegrubbs.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: 21 January, 2002 07:37
Subject: Re: headphones - Aircraft and Communications....

> As a pilot, I decided to try my aircraft headsets (I have two, a Peltor
> noise-attenuating set, and a Telex lightweight set) for ham use a while
> back. I built a small adapter in a plastic box to transform the headset
and
> mike impedances to that of the K2. It works very well and puts an end to
> the high frequency hiss from rigs like the K1 and DSW-40. I still use
> earbuds when weight and bulk are a consideration, like backpacking.
>
> 73
> Bruce
> N7CEE
>

Date: Mon, 21 Jan 2002 10:42:43 -0600
From: John Bohnert <johnb@elmhurst.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117964] K1 Knobs
Message-ID: <3C4C4503.BCE3A843@elmhurst.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Any suggestions re placement of knobs on audio control and the RIT/XIT control? Manual says not to force since it is possible to damage controls. However, I cannot even begin to get the knobs placed on the shafts without what I perceive to be 'excessive force.'

72 N9KW John

Date: Mon, 21 Jan 2002 10:38:49 -0600
From: "David & Jo Ann Lininger" <djlinin@positech.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117965] RE: Battery problems
Message-ID: <3C4BEFB9.17093.11C71D1@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Friends:

Yesterday Bruce, N7RR, asked us what to do with his deep-cycle battery. My brother-in-law works in the research lab of a battery charger manufacturer, so I send Bruce's question to him and asked him to send a copy of his answer to Bruce to me, so I could share it with you. Following is Bob's answer.

I'm Dave Lininger's brother in law. I live in Lincoln, NE and work at Lester Electrical, a battery charger manufacturer. I charge batteries and test chargers daily. The batteries will lose life and capacity (the 95 AHrs is capacity) by sitting and get sulfated because of sitting inactive. If you have to, it is better to let a battery sit charged than discharged, especially in the cold. A battery is sulfated when there is a coating of sulfates on the lead plates. If you charge and discharge the battery several times it will sometimes lose coating and get partial use back. You may get 1 minute of discharge the first time, then 3 minutes, then 7 minutes and so on. When a sulfated battery is first charged it will have high internal resistance so with a few milliamps of charge the voltage will go up very high, > 18 volts on a 12 volt battery. Your battery may not be any good, only a little work will tell.

Is your battery a wet battery or a sealed (Gel) battery?

Was the 300millivolts on the battery when charging or with the charger off?

It should have much more than .3 volts (300millivolts) on it during charge. And if it doesn't it could be because the charger you have will not work until several (I don't know exactly for your model) volts are on the battery.

I hope I haven't confused you and good luck.

Bob Geisler
73

David, KBOZKE
kb0zke@arrl.net

EM37kt home, EM37jv school

Date: Mon, 21 Jan 2002 10:45:29 -0600
From: "SAAD MAHAINI" <N5FF@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117966] 38 Special mod
Message-ID: <032101c1a29b\$093b5b00\$4b03ed0c@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Can someone please email me the details on the RIT mod by Jerry Henshaw?

73s Saad N5FF

Date: Mon, 21 Jan 2002 10:50:45 -0600
From: Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>
To: "Qrp-L (E-mail)" <qrp-l@lehigh.edu>
Subject: [117967] Re: Different colored magnet wire
Message-ID: <6436BBDD2887D411A2360000E866FEEE01F9CBB6@HOUEXCH045>
MIME-Version: 1.0
Content-Type: text/plain

>>You could spray the wire with spray paint to colour it, or put little dabs

>>of paint on both ends, if you really need to identify the wires visually.

Drops of model paint or Fingernail polish would work to color the wire ends as well.

> Boliver Allmon, KC5PCS
>

Date: Mon, 21 Jan 2002 12:00:49 EST
From: Ke9xq@aol.com
To: <qrp-l@lehigh.edu>
Subject: [117968] potential contest

Message-ID: <179.2700aac.297da342@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Greetings to the group

I've thought about a local contest, but then again I thought everyone on this list might be interested, so I've clipped and pasted my original post to another reflector to see what kind of interest this might inspire, so here it is. Greetings one and all

snip>>>

I'm calling it "The Last of the Moheicans", and I know I murdered that name, sorry. While I know this might not be a politically correct title, I'll run with it until someone else comes up with a better name. Here's my thoughts:

- 1: Novices are getting fewer and fewer in number
- 2: They no longer issue this class of ticket
- 3: They have a hard row to hoe with limited bandwidth and QRM is bad on 40 etc.
- 4: Some of us need practice :)
- 5: We should be good to our fellow hams
- 6: Some of these Novices NEED a helping hand
- 7: You need a good excuse to use your rig!!!

Let's combine these thoughts and see what comes up!

If we set up a contest to run from Sept. 1st to Jan 1st, this will give us 4 months to QSO with as many novices as we can, and culminate the experience with a wiz bang SKN. We'll give one point for each Novice worked, another if you work him/her on a different band etc. A good multiplier would be times 2 if this Novice is running qrp, and another times 2 if you are. If you were to work this person through the QRM on 40 in the evening locale time, we could give you another multiplier of say 5, but honor and logs are a must.

:)

I'm going to clip and send this off to the qrp-l group, but this is not a qrp

endeavour, because if you are running QRO, you should have a definitive advantage, so, what do you think. Four months of at your leisure contesting, finishing up on the first of January with so much local QRM that we can hardly stand it.

If this flies, it should draw a mess of those critters out of the woodwork, let's throw out some food for thought on this one. How long has it been since you've operated a contest that you had almost no time constrictions, and you could operate when YOU wanted to???

TTYL

73,72,71,55 Home work for some of you :)

Bill KE9XQ

Shalom

Date: Mon, 21 Jan 2002 10:01:27 -0700
From: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
To: "'QRP-l Messages'" <qrp-l@lehigh.EDU>
Cc: "'K5di / Karl Larsen'" <k5di@zianet.com>
Subject: [117969] CUB FOX: Cub FoxHunt Notice for Hunt # 13
Message-ID: <BF11C300DA60D5118A2900508BCF825B016EB791@entcoexch05.tci.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset=iso-8859-1
Content-Transfer-Encoding: 7bit

Greetings from Colorado,

It is my pleasure to be the QRP-L Cub Fox for Hunt #13 on Tuesday
(1/22/2002) evening or 1/23/2002 at 02:00 to 04:00 UTC.

My TX frequency will be between 7.050 MHZ and 7.070 MHZ as required but more likely in the lower portion of the range. I intend to operate in split mode and listen up by enough to keep my transmit frequency clear as long as the volume of activity makes it worthwhile.

I do not intend to provide detail information on the exchange as this is a "hunt", listen and listen the procedure will be obvious. CW will be at 12 WPM or lower depending on the speed of the hound.

The station setup will be a Ten Tec Omni at a carefully measured 5 W, and TR Log for logging. Antennas available are a pair of 80 meter Carolina Windoms

at 30 feet, with one N-S and the other E-W plus a 40 meter 1/4 HB vertical hanging from the "antenna tree".

Stop by for a prime Colorado Foxi pelt. Looking forward to working as many of you as possible!

72/73 Ron ki0ii

QRP-L Cub Fox #13

Date: Mon, 21 Jan 2002 10:07:55 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [117970] Code practice program/trainer
Message-ID: <MABBJOEABOILMKCJCLFCIEGCDAAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm looking for a training program that will work comfortably in Windows 98. I have RUFZ and some others, but they all seem to want to work in a straight DOS environment. None of my machines boot in DOS, although I have the DOS window available. They don't seem to like the window approach. Can anyone suggest something that would make a good windows training program along the lines of RUFZ and the others?
Thanks and 73,
Bob N6WG

Date: Mon, 21 Jan 2002 19:21:31 +0100
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [117971] Re: Code practice program/trainer
Message-ID: <3C4C5C2B.7BBE1CF2@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Bob,

see at the sites from DK5CI at <http://www.morsecat.de> (in English) with many things around CW.

--

72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de www.qsl.net/dk3red www.t-online.de/~dk3red
DL-QRP-AG #824 (German QRP Activity Group) www.dl-qrp-ag.de

Date: Mon, 21 Jan 2002 13:38:06 -0500
From: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
To: n6wg@earthlink.net
Cc: qrp-1@Lehigh.EDU
Subject: [117972] Re: Code practice program/trainer
Message-ID: <0FD2606AEE.93A05A30-0N85256B48.00662650@troy.pmifeg>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bob,
You might check out "The Mill":
<http://www.net-magic.net/users/w4fok/>

Which is spoken highly of by Morsum Magnificat:
<http://www.morsum.demon.co.uk/learners.html#rev1>

Steve

"Bob Tellefsen" <n6wg@earthlink.net>
Sent by: owner-qrp-1@Lehigh.EDU
01/21/2002 01:07 PM
Please respond to n6wg

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc:
Subject: Code practice program/trainer

I'm looking for a training program that will work comfortably in Windows 98.
I have RUFZ and some others, but they all seem to want to work in a straight DOS environment. None of my machines boot in DOS, although I have the DOS

window available. They don't seem to like the window approach.
Can anyone suggest something that would make a good windows training
program
along the lines of RUFZ and the others?
Thanks and 73,
Bob N6WG

Date: Mon, 21 Jan 2002 13:43:17 -0500
From: "Bill Dittrich" <rwddittrich@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [117973] Re: Code practice program/trainer
Message-ID: <LAW2-F79Sv11KE5bKw100008f72@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I've used NuMorse in Win98, works great. It is a windows program, not DOS.
It has a 30 day trial period that allows speed limited speed, with purchase,
I believe it goes up to 48 wpm. Here's the web address...
<http://www.Nu-Ware.com>
Hope this helps!
72
Bill D

>From: "Bob Tellefsen" <n6wg@earthlink.net>
>Reply-To: n6wg@earthlink.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Code practice program/trainer
>Date: Mon, 21 Jan 2002 10:07:55 -0800
>
>I'm looking for a training program that will work comfortably in Windows
>98.
>I have RUFZ and some others, but they all seem to want to work in a
>straight
>DOS environment. None of my machines boot in DOS, although I have the DOS
>window available. They don't seem to like the window approach.
>Can anyone suggest something that would make a good windows training
>program
>along the lines of RUFZ and the others?
>Thanks and 73,
>Bob N6WG
>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: Mon, 21 Jan 2002 13:45:35 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [117974] Re: Problems with Hamsticks (fwd)
Message-ID: <3C4C61CF.9D975054@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl has sort of restated the obvious problem with any short antenna. They are not very efficient. The ultimate efficiency depends on the overall length and the quality of the installation. A 6 foot antenna will not have the greatest efficiency at 80 meters. The installation can be done so as to reduce losses, and also to improve the quality of the ground. Adding a counterpoise will help immeasurably. But in the end, the alternative is to accept the installation inefficiency or not operate!

73

Date: Mon, 21 Jan 2002 11:59:58 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Ke9xq@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117975] Re: potential contest
Message-ID: <Pine.SUN.4.10.10201211056260.5953-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 21 Jan 2002 Ke9xq@aol.com wrote:

> 1: Novices are getting fewer and fewer in number
>
> 2: They no longer issue this class of ticket
>

> 6: Some of these Novices NEED a helping hand
<snip>

Bill, and others,

I think something along this line is an excellent idea to encourage Novices and the new general class to get on the air. I am certainly struck lately by the number of QSO's I have (mostly 40M evenings) with the new generation of 5wpm generals. Often my 20wpm CQ is answered by a station sending maybe 10wpm. While I always QRS to work the station, I hear others who will not respond to the slower call. THESE GUYS NEED SOME HELP AND ENCOURAGEMENT. They are in essence, today's new Novices, except now, with no place to go. They are running 5-10 wpm and have no choice except to jump in on the general bands with the "big boys." I admire them for doing so.

There have been those on this list who complain how the 5wpm requirement will convert ham radio into a CB band, the dumbing-down of the hobby, and how it will keep CW ops from growing. This is NOT my experience of what I hear on the air. I hear these new 5wpm generals making an honest attempt at working CW instead of the easy way - pick up a mike and do that SSB thing. It must be frustrating for them, yet they keep at it. This is not a dumbing-down of the bands, but a desire to "do it right." Their efforts should be admired and encouraged.

So the next time you hear a 10 wpm CQ around the QRP calling frequencies, how about calling the guy back and give him a good QSO and encouragement? These guys have virtually no Elmering, so how about being the guys Elmer for awhile? To him, you are the "old timer," and he will respect what he may learn from you. I have explained in my QSO's the proper format for a QSO, how to use break-in (BK instead of sending both calls everytime), etc., and it has ALWAYS been welcomed and appreciated, because they DO have a desire to be a good CW op someday.

I really think QRPers could take the lead in this. We don't tend to be the guys whizzing along at 35 wpm, but more like in the 18-20wpm range due to our weaker signals at times. No biggie to QRS a bit. QRPers are legendary for being one group of hams who are having fun at this hobby, so let's share it with others. Not only will we be recruiting new CW ops, but some of them may discover the "Joy of Qrp" (c. Ade Weiss!) as well.

The ARRL no longer sponsors the Novice Roundup. This would be an excellent opportunity for one of the QRP clubs out there to sponsor, or very close to what Bill is proposing. It could be submitted to QST for their "Contest Calendar" to reach the Novices and slower new generals beyond the QRPers.

Sorry for the rambling, but this hobby will always be what WE make it.

We have a new generation of CW hams joining the ranks now, so let's embrace them and help them along. The day that very little CW is heard on the bands is the day the CW segment will be taken away. So it is to OUR best interest to nurture these new CW ops along to ensure the preservation of CW. The FCC and ARRL can't do that - only we can.

72, Paul NA5N

Date: Mon, 21 Jan 2002 14:07:25 -0500 (EST)
From: <igeq100@iupui.edu>
To: "Paul Harden, NA5N" <na5n@rt66.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117976] Re: potential contest
Message-ID: <Pine.GS0.3.96.1020121140549.5350A-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Paul -

I heartily second your suggestions and try to do do as you suggest. To do otherwise is to work contrary to the spirit of ham radio and QRP, as I understand them.

72,

Rich, WB9LPU

Date: Mon, 21 Jan 2002 09:25:33 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [117977] Subs for mrf475, mrf476 ?
Message-ID: <Pine.LNX.4.33.0201210923070.1743-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Has anyone used a 2SC1969 for the above transistors in linear service? It seems like a direct replacement for the MRF475. How about using it in place of a MRF476?

73,

Jim (n2go)

Date: Mon, 21 Jan 2002 11:37:32 -0800 (PST)
From: Chuck Carpenter <W5USJ@go.com>
To: qrp-l@Lehigh.EDU
Subject: [117978] Amateur Software - A Source
Message-ID: <2311267.1011641852901.JavaMail.W5USJ@gomailjtp04>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Folks,

Looking for software for Amateur use?

Check this site:

<http://www.ac6v.com/software.htm>

Lots of other amateur radio related info throughout the rest of AC6V's site too.

Chuck - W5USJ Point, Rains Co TX EM22cv, NE-TX QRP #1

GO.com Mail
Get Your Free, Private E-mail at <http://mail.go.com>

Date: Mon, 21 Jan 2002 15:01:17 -0500
From: W2AGN <w2agn@pobox.com>
To: qrp-l@lehigh.edu
Subject: [117979] VP8THU
Message-ID: <0201211501170Q.02394@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Been listening for last several days for VP8THU. He has pileups spread over

50 khz of whatever band he is on, but I have yet to hear him. It is an education listening to the pile-up. I always thought W/K DXers were the rudest, but I listened to an I2 call over and over on the DX frequency, when he was, and has been listening 5 or more up. This guy called 10 times, before even standing by. After several minutes of this, he then called CQ on the frequency. Now I hear other Europeans calling CQ on top, in spite of being told "QRL, pse QSY."

What a zoo! Much worse than D68C or 3G0Y. Anybody work him QRP?

--

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Mon, 21 Jan 2002 12:11:43 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: <w2agn@pobox.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117980] Re: VP8THU
Message-ID: <001101c1a2b7\$d9aea1e0\$af25cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What frequencies/bands has he been working?
Please and thanks, 72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Mon, 21 Jan 2002 15:34:26 EST
From: Davewb4@aol.com
To: qrp-l@lehigh.edu
Subject: [117981] Need Help
Message-ID: <d5.11e70ebf.297dd552@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All: Have built a 3 foot mag loop that will go in the attic. The loop tunes from 40mtrs to 12mtrs. Tuning is through a stepper motor driving the variable. Works very well with accurate positioning each rotation. I have added a mechanical positioning unit off the variable rotor shaft which will give me a contact closure on each band, 40, 30, 20..... as the variable rotor moves. I have 8 wire rotor cable going to the loop leaving a pair for the contact closure. (6 for the unipolar stepper motor) Now my problem: Can anyone steer me towards a circuit that will light an LED each time there is a contact closure, in sequence, as the rotor turns. It needs to read forward & backward and be non volatile using the remaining pair of wires. The object is to indicate what band I am on the band and ease critical loop tuning. Any help would be appreciated as I have been chasing this for a week.

73/72

Dave Rogers

WB4CHK

Plantation FL

.

Date: Mon, 21 Jan 2002 15:55:36 EST
From: WE7X@aol.com
To: na5n@rt66.com, qrp-1@lehigh.edu
Subject: [117982] Re: potential contest
Message-ID: <6f.212f963a.297dda48@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Paul and all,

I am a 10 wpm operator, some because I never have become comfortable with a set of paddles, and some because of a serious lack of effort on my part. Although I passed the 20 wpm code test, I really don't know how, as I never could copy an on the air QSO at near that speed.

I just ran the weekend VHF test as a Rover, covering 9 grid squares and using five bands. I was amazed at how many ops were able and willing to operate CW. We made several contacts on 1296 MHz CW when SSB was not even remotely possible.

Many other bands yielded CW contacts when no hint of SSB was discernible.

Even at 8 to 10 wpm, it does not take very long to get the required info passed, especially when you consider the number of times it takes to repeat the info on SSB in marginal conditions.

I heard many new callsigns on the bands who were willing to attempt CW. It is not dead! It is FUN!

WE7X

Rod Johnson

Date: Mon, 21 Jan 2002 15:56:25 -0500
From: W2AGN <w2agn@pobox.com>
To: "Alan Kaul" <alan.kaul@worldnet.att.net>, <w2agn@pobox.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117983] Re: VP8THU
Message-ID: <0201211556250R.02394@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Monday 21 January 2002 15:11, Alan Kaul wrote:

> What frequencies/bands has he been working?
> Please and thanks, 72/73 de alan
>
> Alan Kaul, W6RCL, LaCanada, CA
> w6rcl@amsat.org
> <http://home.att.net/~alan.kaul/index.html>

--

Been on all bands. Right now on:
14024
21022
18145

also has been on 18072, and 24935 as well as 40 and 30 meters.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Mon, 21 Jan 2002 16:02:23 EST
From: K5BDZ@aol.com
To: Davewb4@aol.com, qrp-l@lehigh.edu
Subject: [117984] Re: Need Help
Message-ID: <173.2704879.297ddbdf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Dave

I suggest for one set of two wires, your best tuning indicator should be via

a pot on the top end (turned with the stepper motor) with the voltage difference being fed to a meter (analog or digital LED) at the operator end. Much the same as the rotor pots feed voltage variation to the meters on the rotor control.

It's simple and it works...and you can also note on the meter scale which area of each band is "currently in tune."

Bill K5BDZ

Date: Mon, 21 Jan 2002 16:09:04 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [117985] Re: Need Help
Message-ID: <5.1.0.14.1.20020121160626.00a73990@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:34 PM 1/21/2002 -0500, you wrote:

Dave,

Instead of a contact closure, perhaps a pot coupled to the rotor shaft and connected across the return wires? A simple ohmmeter would let you know the position of the shaft.

Dave

>Hi All: Have built a 3 foot mag loop that will go in the attic. The loop
>tunes from 40mtrs to 12mtrs. Tuning is through a stepper motor driving the
>variable. Works very well with accurate positioning each rotation. I have
>added a mechanical positioning unit off the variable rotor shaft which will
>give me a contact closure on each band, 40, 30, 20..... as the variable
>rotor moves. I have 8 wire rotor cable going to the loop leaving a pair for
>the contact closure. (6 for the unipolar stepper motor) Now my problem: Can
>anyone steer me towards a circuit that will light an LED each time there is a
>contact closure, in sequence, as the rotor turns. It needs to read forward &
>backward and be non volatile using the remaining pair of wires. The object is
>to indicate what band I am
>on the band and ease critical loop tuning. Any help would be appreciated as I
>have been chasing this for a week.

Dave Hinerman

WD8CIV@worldnet.att.net

Date: Mon, 21 Jan 2002 15:09:46 -0600
From: Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>
To: "'Jim'" <jim@wa6otp.com>
Cc: "Qrp-L (E-mail)" <qrp-l@lehigh.edu>
Subject: [117986] RE: QRP in 40 Meter Novice Band
Message-ID: <6436BBDD2887D411A2360000E866FEEE01F9CBBC@HOUEXCH045>
MIME-Version: 1.0
Content-Type: text/plain

I do not have 'net access here at work.
Does your site have the details to build
one?

By the picture, it appears to be
built Manhat. style. I have never built
anything in that manner. That alone might
be reason enough to build it.

I am planning on making a portable shack
with the kits. I am going to mount all the
parts including the antenna (rolled-up dipole)
in a metal lunch box. When I get it done,
I will take pictures and post them. Should be
fun.

All responses to list, please. Too much email
at work.

> Boliver Allmon , KC5PCS
>
>
> *e-mail: Boliver.Allmon@Halliburton.com
>
>
>
> -----Original Message-----
> From: Jim [SMTP:jim@wa6otp.com]
> Sent: Monday, January 21, 2002 1:32 PM
> To: Boliver.Allmon@HALLIBURTON.com
> Subject: Re: QRP in 40 Meter Novice Band
>
> Have you seen my site? I have a PTO kit...
> <http://www.wa6otp.com>

> 73 jim
> << File: ptopixie.JPG >>

Date: Mon, 21 Jan 2002 14:24:13 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Paul Harden, NA5N" <na5n@rt66.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117987] Re: potential contest
Message-ID: <Pine.LNX.4.33.0201211420440.3391-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Paul, do not forget the Cub Fox Hunts. These exist every tuesday and the Foxes are using slow CW, like 12 wpm, and will slow down even further without any trouble. This has been there since last winter and they are popular.

On Mon, 21 Jan 2002, Paul Harden, NA5N wrote:

>
> On Mon, 21 Jan 2002 Ke9xq@aol.com wrote:
> > 1: Novices are getting fewer and fewer in number
> >
> > 2: They no longer issue this class of ticket
> >
> > 6: Some of these Novices NEED a helping hand
> <snip>
>
> Bill, and others,
> I think something along this line is an excellent idea to encourage
> Novices and the new general class to get on the air. I am certainly
> struck lately by the number of QSO's I have (mostly 40M evenings) with

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Mon, 21 Jan 2002 15:24:51 -0600
From: "Thor, n9ik" <n9ik@qsl.net>
To: <qrp-1@Lehigh.EDU>

Subject: [117988] RE: potential contest
Message-ID: <NEBBLNLOELOIHIEKHCPAAEGMCKAA.n9ik@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Excellent reply Paul, I agree with your comments. Let me add a few of my own. I have been a ham since February, 1991 when I passed the written and code tests to become a Novice (KB9GKR). At the time, it was the first session that the no-code technician exam was offered, but my only interest was in HF so I stayed with the Novice route. I didn't upgrade until June, 1996 when I passed the written and code tests to upgrade to general (N9RPD). My upgrade to Extra class (AB9CE) was effective May 31, 2001 (this time with no code test required for the upgrade). Of course, I simply HAD to have a prestigious 1x2 call sign that "proved" I held an Extra class license, so I immediately applied for a vanity call, with my current call, N9IK becoming effective a few short weeks later on June 19.

So, why is all that pertinent? Because in all of that time I've had only 2 or 3 CW qso's on the air due to fear and embarrassment. My first two CW qso's were bad experiences, very embarrassing. The first one I tried to respond to a CQ call, but responded at a much slower speed than the person calling CQ. That person, whoever it was (I never quite got the entire call) refused to slow down, and even though I copied only about half of what was sent I got the distinct impression that they were telling me to "get lost" since I couldn't keep up. The second experience was similar, but this time I was the one calling CQ, and had someone responding to me, but at a much faster speed than I was sending. Again I could only copy about half of what was sent, and in spite of my sending "pse qrs" several times they kept sending at a much faster speed than I. Once again I was embarrassed and chagrined. The third attempt was not until several years later shortly after I upgraded to general and could copy, at least for the test, 13+ words per minute. Unfortunately, even though I had passed the test, when I actually got on the air I was so nervous and got so flustered I made excuses and ended the qso as soon as I could. Again I was extremely embarrassed.

Now, five and a half years later, I'm determined to become proficient at CW, to round out my ham skills, explore more operating modes, and in general challenge myself. I have always wanted to be active with morse code, but I struggle with basic shyness. Now, due to being out of work on temporary disability, I now have the time to dedicate, and I definitely have the motivation. While I never had an "Elmer" and had very little help, I have taken great pleasure in teaching licensing classes and helping quite a few others earn their licenses. I hope to add morse code as something that I will soon be adequately skilled at to help and encourage other new hams with. If I had that help and encouragement when I was a new ham, my own ham-radio-related activities would probably have been very different, and

definitely much more enjoyable!

I for one, would take great pleasure in qso's at a relaxed, encouraged, pace.

- Thor, N9IK

Date: Mon, 21 Jan 2002 16:34:06 -0500
From: Dave Fouchey <dafouchey@home.com>
To: k3tks@u1.abs.net,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117989] Re: Different Colored Magnet Wire, Etc.
Message-ID: <4.1.20020121163023.009ad830@localhost>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Craig, that was me, and yes you can easily break out multiples of 25 pairs using the same color code for grouping, didn't want to confuse the issue at the time by mentioning it. Laying down several 100 pair cables as a riser in a building between wiring closets gets you used to it real quick. I think it is a color code that is vastly underutilized by us in constructing projects as it is so flexible and so readily available.

73's
Dave
WA4EMR
Sterling Heights, MI

At 03:05 AM 1/21/2002 -0500, George Gingell wrote:
>Craig Johnson,
>
>Mentioned using Scrap Insulation as Markers for the Toroid Winding leads.
>
>An excellent Idea I must say. I have been using Scrap Wire insulation
>
>for "Spaghetti Insulation" on components for years.
>
>With 36 years in the Telephone Industry, it seems almost second nature to
>me.
>
>We use an expensive Diode Like Component for Privacy Guards which I always
>insulate the leads with Red or Green Insulation from JKT (Jacketed Wire).
>I then use Splicing Connectors to Connect the Diode to a four to six inch
>length of wire to use in the actual connections. This makes it easy to

>reuse the expensive component again with out risk of damage. Splicing
>connectors are cheap in comparison.
>
>Also in the old days, we had lots of "Cotton Based Spaghetti for
>Insulating Components to be wire wrapped into the equipment.
>
>
>I noticed a few other Ex-Phone Types on here who also mentioned the 25
>Pair Telephone Cable Color Code. He mentioned the ability to identify 50
>seperate Conductors. Actually, you can identify Quite a few more if
>needed. Those big Black pipes connecting telephone poles have as much as
>3600 Pairs of wires or more in them. Same Colors as those 25 Pair Cables.
>They just repeat with Binders of 25 pairs with the same combinations of
>the original Pairs. The First 25 Pair Group is the White/Blue Group.
>
>
>I will gladly provide a copy of the Telephone Color Code to any who need
>it.
>
>Alarm Systems and Intercom Systems have yet another Color Code. I find
>that Their Wire is more convenient to reuse the insulation, as it it is a
>larger guage and heavier insulation.
>
>Also I suggest considering Colored Teflon Wire Insulation for Making ID
>Bands for your Toroid Windings. They are much better at handling the heat
>when soldering the toroids in the circuit.
>
>Remember The suggestion to save the Clippings from your Leaded Components?
>
>You can make some very nice little Jumpers with them and the Teflon wire
>Insulation. When Stripping the wire for re-using the insulation, I find it
>best to do about three to six inch sections at a time. Then use a pair of
>sissors and trim the ends to freshen up the ends. Some insulation tends to
>self seal the ends when you strip the wire. snipping it with sissors or
>cutting with a razor blade fixes that. Making it easier to thread the
>insulation onto the component. Also you sill find tha turning as you push
>it on helps a lot.
>
>GL
>
>
>Sir George, The First :^}
>
>72 ES
>QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
>Former QRP A.R.C.I. Net Manager and Board of Director Member.
>Gingell & Company, Ltd. Small Business Telephone Systems
>Commercial Locksmith Services (301) 572-6789 Office & Fax

>George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
>Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
>Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
>Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.
>
>Collector of Quartz Crystals and Telegraph Keys.
>
>"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM
>

Date: Mon, 21 Jan 2002 16:37:37 -0500
From: Dave Fouchey <dafouchey@home.com>
To: w2wurjj@verizon.net,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117990] Re: headphones - Aircraft and Communications....
Message-ID: <4.1.20020121163544.0099f3d0@localhost>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

We use them for heavy equipment used in surfacing railroad tracks so the operator can use the radio, excellent units, if a bit pricey. I like 'em because they are rugged as all get out. Like the old Timex add's they take a lickin and keep on tickin.

73's
Dave
WA4EMR
Sterling Heights, MI

At 11:01 AM 1/21/2002 -0800, W2WU wrote:
>David Clark Company headsets perform very well. You may need to convert the
>mic / earpiece impedances. They are used by pilots, NASA, and many fire
>departments. You get what you pay for. <W2WU>
>----- Original Message -----
>From: Bruce Grubbs <mail@brucegrubbs.com>
>To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>Sent: 21 January, 2002 07:37
>Subject: Re: headphones - Aircraft and Communications....
>
>
>> As a pilot, I decided to try my aircraft headsets (I have two, a Peltor
>> noise-attenuating set, and a Telex lightweight set) for ham use a while
>> back. I built a small adapter in a plastic box to transform the headset
>and
>> mike impedances to that of the K2. It works very well and puts an end to

>> the high frequency hiss from rigs like the K1 and DSW-40. I still use
>> earbuds when weight and bulk are a consideration, like backpacking.
>>
>> 73
>> Bruce
>> N7CEE
>>
>

Date: Mon, 21 Jan 2002 13:40:29 -0800
From: "K7FD N7SG" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [117991] Re: VP8THU
Message-ID: <F172mK6PYzDabigPasS00021281@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hey, it's for a new one...so full steam ahead! Worked him on 20m SSB with
400 watts es a 3 el quad...

...but now that it's in the bag, I'll go back and try for him qrp on 15 cw.
;)

73 Annette N7SG

>From: W2AGN <w2agn@pobox.com>
>Been listening for last several days for VP8THU. What a zoo! Much worse
>than D68C or 3G0Y. Anybody work him QRP?

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Mon, 21 Jan 2002 16:27:03 -0600
From: Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>
To: "Qrp-L (E-mail)" <qrp-l@lehigh.edu>
Subject: [117992] Elmer 001 - Got my kit today.
Message-ID: <6436BBDD2887D411A2360000E866FEEE01F9CBC1@HOUEXCH045>
MIME-Version: 1.0
Content-Type: text/plain

I got my Pixie2 kit today. I am looking forward to building it. Now if only I can wait to build it with the class and not build it myself.

All response to the list please. I must limit non-business email at work.

> Boliver Allmon, KC5PCS
>
> *e-mail: Boliver.Allmon@Halliburton.com
>
>
>

Date: Mon, 21 Jan 2002 17:28:19 -0500
From: "Terres Family" <terresfm@ncia.net>
To: <k5di@zianet.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117993] Re: Problems with Hamsticks (fwd)
Message-ID: <001301c1a2ca\$ee4e7fe0\$5581f3ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

on 80 meters, the poor performace of the Hamstick still works,
> but your weak
Your Hamstick has 1 watt of power
> to work with, while 99 watts are converted to heat if your running 100
> watts.

uh..... so "QRP works" right?

but i agree. having to use 100 watts out of the rig to radiate one watt is not too effecient but it still works.

73/72

jerry terres aa1of

Date: Mon, 21 Jan 2002 18:23:09 EST
From: PDouglas12@aol.com
To: qrp-1@lehigh.edu

Subject: [117994] FS QRP30 and 38 Special
Message-ID: <102.f457277.297dfcdd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Boys and Girls,

I still have the QRP30 by Radiokit (defunct company) for sale. I put it on the air just now and it runs 5 watts just fine. I prefer to run it at less for the sake of stability, but I got a 569 from VE9VI a club station up in Canada just now. This is just about the smallest full superhet ever kitted. It is a single bander; this example is on 30 meters. It has a built-in audio filter as well. I installed a small speaker in its cabinet top, and it works well that way. The rig uses its own RF and a partially muted receiver to monitor outgoing signals, and the audio has a characteristic squeal as the relay trips (it is semi-qsk). But the squeal is only local and does not go out of the transmitter. I am cleaning out the shack still, and I would like to see this rig go to a good home. I would like to get \$85 for it, shipping included. What say?

I also have a 38 Special, built and (I'll check it) working. It has the PIC audion freq counter built in. It is in a famous Chuck Adams case, but the front panel art work is a piece of torn paper. I never got around to doing a decent decal for this rig, so it looks a fright. The new owner will want to upgrade that. What do these go for? 50 bucks? 45? Anyway, I'll take 50 bucks, shipped, or so.

Incidentally, I solved my alarm system by killing my fire zone while I'm transmitting. I had no choice, since it turned out that the beam up over the house was triggering the smoke alarm all the way up on the top floor. Fooyey. At least I have no more sirens, and the alarm is safely armed when I'm not operating QRO, which is nearly always.

Thanks for the bandwidth, folks.

Preston WJ2V

End of QRP-L Digest 2442

